AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and
listings, of claims in the application:

Claim 1-21: (canceled).

Claim 22 (new): A computer-implemented system for assisting an
operator of an embroidery machine to make an embroidered fabric
from an embroidery design using the embroidery machine, said
computer-implemented system comprising:

a knowledge base of parameters for making the embroidered
fabric from the embroidery design wherein the parameters are in
at least one of the following categories: hooping technique,
stabilization technique, topping material, backing material,
thread weight, thread type, needle type, needle size, embroidery
density, project/fabric type, fabric thickness, fabric density,
fabric stretch and design size;

a rules base of rules interrelating two or more of the
parameters;

selection software responsive to the operator for
permitting the operator to select a parameter from the
parameters and for defining a parameter for making the
embroidered fabric wherein the defined parameter is a function
of the operator selected parameter;

analysis software for applying the rules to the defined
parameter and for generating one or more recommended parameters
for making the embroidered fabric, wherein the one or more
recommended parameters is a function of the defined parameter;
and

display software for providing a display corresponding to
the selected and defined parameters and corresponding to the one

3   TAC 9764.1

or more recommended parameters such that the one or more
recommended parameters define parameters for making the
embroidered fabric from the embroidery design using the
embroidery machine.

Claim 23 (new): The computer-implemented system of claim 22
wherein the parameters includes a parameter in at least one of
the following categories: hooping technique, stabilization
technique, topping material, backing material, thread weight,
thread type, needle type, needle size, embroidery density,
project/fabric type, fabric thickness, fabric density, fabric
stretch and design size.

Claim 24 (new): The computer-implemented system of claim 22
wherein the selected parameter is project/fabric type; wherein
the selection software designates two or more defined
parameters; and wherein the defined parameter comprises fabric
thickness and fabric stretch.

Claim 25 (new): The computer-implemented system of claim 24
wherein the operator may modify the defined parameter.

Claim 26 (new): The computer-implemented system of claim 22
wherein the operator may modify the defined parameter and
wherein the analysis software applies the rules to the modified
defined parameter.

Claim 27 (new): The computer-implemented system of claim 24
wherein the knowledge base includes comments, photographs or
multimedia presentations which are a function of the selected
parameter, the defined parameter, and/or the one or more of the

recommended parameters and wherein the display software displays the provided comments, photographs or multimedia presentations.

Claim 28 (new): A method for assisting an operator of an embroidery machine to make an embroidered fabric from an embroidery design using the embroidery machine using a knowledge base of parameters and a rules base of rules interrelating the parameters, said method comprising the steps of:

designating selected and defined parameters for making the embroidered fabric from the embroidery design, wherein said selected and defined parameters are in at least one of the following categories: hooping technique, stabilization technique, topping material, backing material, thread weight, thread type, needle type, needle size, embroidery density, project/fabric type, fabric thickness, fabric density, fabric stretch and design size, wherein the defined parameter is a function of the selected parameter;

applying the rules to the selected and defined parameters;

generating one or more recommended parameters for making the embroidered fabric, wherein the one or more recommended parameters is a function of the application of the rules to the defined parameter; and

displaying the selected and defined parameters and the one or more recommended parameters such that the one or more recommended parameters define parameters for making the embroidered fabric from the embroidered fabric using the embroidery machine.

Claim 29 (new): The method of claim 28 wherein the parameters includes a parameter in at least one of the following categories: hooping technique, stabilization technique, topping material, backing material, thread weight, thread type, needle

type, needle size, embroidery density, project/fabric type,
fabric thickness, fabric density, fabric stretch and design
size.

Claim 30 (new): The method of claim 28 wherein the selected
parameter is the project/fabric type; further comprising the
step of designating two or more defined parameters; and wherein
the defined parameters comprise fabric thickness and fabric
stretch.

Claim 31 (new): The method of claim 30 further comprising
modifying the defined parameter.

Claim 32 (new): The method of claim 28 further comprising
modifying the defined parameter.

Claim 33 (new): The method of claim 28 further comprising
providing comments, photographs, or multimedia presentations
which are a function of the selected parameter, the defined
parameter, and one or more recommended parameters and displaying
the provided comments, photographs or multimedia presentations.

Claim 34 (new): A system for assisting an operator of an
embroidery machine to make an embroidered fabric from an
embroidery design using the embroidery machine, said system
comprising:
    a personal computer including:
        a knowledge base memory of parameters for making the
embroidered fabric, wherein the parameters are in at least one
of the following categories: hooping technique, stabilization
technique, topping material, backing material, thread weight,
thread type, needle type, needle size, embroidery density,